California Energy Commission
DOCKETED
12-EBP-1

12-EBP-1 TN # 68030 OCT. 23 2012

environment * advocacy



October 22, 2012

CEC-AB758 Public Response

RE: HERS Building Performance Contractors, HERS Whole House Home Energy Raters and HERS Field Verification and Diagnostic Testing Raters.

CalCERTS supports a successful Residential and Non-Residential Energy-Efficiency incentivized programs and request changing from a volunteer approach to a mandate approach to increase the "call to action" and "financial urgency" to accomplish California Statewide Climate Goals and reach our respective 2020 bench mark of reduce Green House Gas Emissions' to California 1990 levels.

California Energy Commission AB 758 has invested multiple resources to create comprehensive programs to achieve energy savings in California New Construction and Existing Housing Stock.

California Energy Commission Approved Home Energy Rating Systems (3) Certification Programs, techniques, applications, data registry and practices;

- HERS Building Performance Contractors,
- HERS Whole House Home Energy Raters,
- HERS Field Verification and Diagnostic Testing Raters,

AB 758 Program Components specifically Energy Upgrade California includes workforce development, public outreach awareness and education, financing options, HERS energy rating systems, performance requirements, performance disclosures, and market developments.

Briefly phase one of California Energy Commission and CPUC- IOU's incentivized Energy Upgrade California for existing Building Retrofits has incorporated a multiple actors' Statewide workforce development, performance ratings, energy-efficiency retrofits, financing solutions, public and market awareness.

Suggestion for phase two of the CPUC-IOU's and California Energy Commission and Industry Stakeholders support the "standardize workforce development" of the California Energy Commission (3) HERS Certification Programs, and the adoption of the ANSI-IREC 14732:2012 National Accredited - CalCERTS, Inc. Certificate Training Programs(Job Task Analysis/Knowledge, Skills, and Abilities/Attitudes); Building Performance Contractors-Raters, Whole House Home Energy Rater, Field Verification & Diagnostic Testing Rater which aligns with the National NREL (4) Home Energy Professionals-Job Classifications; Installer/Retrofit Technician, Energy Auditor, Crew Leader, Quality Control, and BPI (4) new certifications of the same name.

*Please see the overview PowerPoint-Presentation of CalCERTS, Inc. ANSI-IREC 14732:2012 National Accredited Certificate Training Programs.

<u>Upon request:</u> CalCERTS can provide California Energy Commission with a comprehensive presentation of the ANSI-IREC 14732:2012 National Accredited CalCERTS, Inc. Certificate Training Programs.

CalCERTS supports the increase the usage of performance technologies, the enhancement of existing software technologies, the expansion of data-collection/registry and mandate HERS Whole House Home Energy Ratings, Real Estate Energy-Efficiency Financing (EEM's) -Market Transformation Education and utilization for all incentivized existing building retrofit.

Barbara Hernesman, CalCERTS, Inc. Director of Workforce Education and Business Development

Program Administrator: ANSI-IREC 14732: 2012 National Accredited CalCERTS, Inc. Certificate Training Programs

Michael E. Bachand, CalCERTS, Inc. President

See Below Power Point Slides



ANSI-IREC 14732:2012 National Accredited **Certificate Training Program**

CalCERTS, Inc. Approved Provider ANSI-IREC 14732:2012 Accredited Certificate Training Programs

CalCERTS ANSI-IREC 14732:2012 **Accredited Certificate Training Programs** Aligns with NREL (4) Job Classifications

HERS Whole House Home Energy Rater

NREL Job Classifications and Skills

- Energy Auditor(Assessor)
 - > Crew Leader
 - Quality Control

ANSI-IREC 14732:2012 National Accredited **Certificate Training Program**

ANSI-IREC 14732:2012 **Accredited Certificate Training Programs**

CalCERTS ANSI-IREC 14732:2012 **Accredited Certificate Training Programs** Aligns with NREL (4) Job Classifications

HERS Field Verification and Diagnostic Testing Rater NREL Job Classifications

Energy Auditor (Assessor)

Quality Control

CalCERTS, Inc. Approved Provider ANSI-IREC 14732:2012 ccredited Certificate Training Programs

CalCERTS ANSI-IREC 14732:2012
Accredited Certificate Training Programs
Aligns with NREL (4) Job Classifications
Available upon request NREL (4) Job Classifications
Job Task Analysis (JTA's)
Knowledge Skills and Abilities (Attitudes) (KSA's)
Requirements per Home Energy Professional
Job Classification

Workforce Accredited Training Programs for the NEW

(4) BPI Certifications (DOE/NREL Job Classifications)

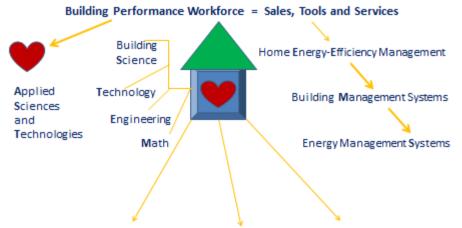
✓ Installer/Retrofit Technician

✓ Energy Auditor (Assessor)

✓ Crew Leader

✓ Quality Control

HERS Whole House CalCERTS, Inc. HERS Field Verification Energy-Assessor (Auditor) ole House-es-e-System & Diagnostic Testing Raters es-a System Assessment (Pre & Post) **Certificate Training** Plug Loads Plug Loads, HVAC Performance System Renewable Solutions Renewable Solutions 3nd Party Consulting Retrofit Quality Control Provide a HERS **HERS Building Performance** Contractor-Rater All (4) Job Classifications Building Weatherization HVAC Performance System Evaluation **Upgrade Estimates** Site Preparation Retrofit Direct Install Services Provide Labor Workforce Warehouse Retrofit Materials Provide Renewable Solutions Retrofit Quality Control Provide a HERS Performance Rating Program Incentive Process



HERS Building Performance Contractors & Raters = Cross Trained Skilled Workforce

ANSI-IREC 14732:2012 Accredited Trained Workforce & HERS Rating Systems Performance Score

EQUALS

Quality Control & Assurance Consumers Confidence Market Participation